

Postdoctoral Fellowship in the COVSL lab

The Comparative Ophthalmology and Vision Sciences Laboratory (COVSL) run by Drs. Sara Thomasy, Brian Leonard, Paul Russell and Christopher Murphy, in the Department of Surgical and Radiological Sciences, School of Veterinary Medicine, University of California-Davis (mrtvisionsciences.com) has a 2-year, paid, Postdoctoral Fellowship. The successful applicant will become a key member of our team which includes 4 Principal Investigators, 3-6 postdoctoral fellows and graduate students, 2-3 technicians and 8-12 undergraduate students. *This is a full-time research position with no clinical commitment.* We are an anti-racist lab dedicated to providing an equitable, inclusive training environment with individualized mentoring so all members can thrive.

SALARY: Dependent on qualifications and experience

START DATE: Negotiable but ideally by May 1, 2023

QUALIFICATIONS: DVM or PhD is required with experience in ophthalmology or vision science research preferred. Experience performing slit lamp examinations, external photography, funduscopy, fundus photography, in vivo confocal microscopy and optical coherence tomography preferred. Demonstrated experience in cell and molecular biology (cell culture, quantitative PCR, western blotting, fluorescence microscopy) preferred but not required.

RESPONSIBILITIES: The purpose of the Post-Doctoral appointment is to provide training beyond the terminal degree and conduct research related work consistent with the funding source from which the stipend is paid. The selected individual(s) will perform research on a variety of topics concerning corneal wound healing, ocular pharmacology and large animal models of ocular disease under the direction and guidance of Drs. Sara Thomasy (PI), Brian Leonard (PI), Paul Russell (PI) and Christopher Murphy (PI) associated with the Schools of Medicine and Veterinary Medicine.

The individual(s) selected will take responsibility for designing and carrying out research projects, analyzing data using appropriate statistical methods, assembling results of research into manuscripts for publication and performing lab maintenance. The successful candidate will supervise students regarding the technical aspects of research including method development, trouble-shooting problems, interpreting results and planning follow-up experiments. Additionally, the individual(s) will participate in the preparation of grants for submission. They will serve as a reviewer of research proposals and scientific publications and attend seminars to present research results as well as give oral or poster presentations to public and professional interest groups. The majority of the work will concern spontaneous as well as inducible animal models with the opportunity to engage in cell and molecular biology in vitro studies as time allows.

APPLICATION PROCESS: To receive fullest consideration, applications must be received **by Monday, March 2**; the position will remain open until filled. Interested applicants should submit via email 1) a letter of intent outlining special interest in the position, overall related qualifications and experience and career goals; 2) curriculum vitae; and 3) the names and addresses of three professional references to smthomasy@ucdavis.edu:

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The University of California, Davis and the Department of Surgical & Radiological Sciences, School of Veterinary Medicine, are interested in candidates who are committed to the highest standards of scholarship and professional activities, and to the development of a campus climate that supports equality and diversity. The University of California is an affirmative action/equal opportunity employer.